| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|------------------------------|---------------------|---------|------------------|
| L4 | 7 | ("6287644").URPN. | USPAT | ADJ | ON | 2007/10/16 16:04 |
| L5 | 6 | ("4339509" "4820358" "5236745" "5403669" "5834070" "5912087").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:04 |
| L6 | 18 | ("6291084").URPN. | USPAT | ADJ | ON | 2007/10/16 16:04 |
| L7 | 17 | ("4530885" "4610736" "4612165" "4731221" "4916022" "5108700" "5116438" "5116691" "5215831" "5238752" "5302465" "5427866" "5516380" "5824423" "5975852" "6168874" "Re33876").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:04 |
| L8 | 17 | ("4530885" "4610736" "4612165" "4731221" "4916022" "5108700" "5116438" "5116691" "5215831" "5238752" "5302465" "5427866" "5516380" "5824423" "5975852" "6168874" "Re33876").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:04 |
| L9 | 2 | ("6475642").URPN. | USPAT | ADJ | ON | 2007/10/16 16:05 |
| L10 | 2 | ("5432011" "5455119").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:05 |
| L11 | 2 | ("6475642").URPN. | USPAT | ADJ | ON | 2007/10/16 16:05 |
| L13 | 11 | ("5516380").URPN. | USPAT | ADJ | ON | 2007/10/16 16:05 |
| L14 | 6 | ("2910356" "5116438" "5116691" "5167732" "5215831").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:05 |
| L15 | 32 | ("6153313").URPN. | USPAT | ADJ | ON | 2007/10/16 16:05 |
| L16 | 15 | ("4530885" "4610736" "4612165" "4731221" "4916022" "5108700" "5116438" "5116691" "5215831" "5238752" "5302465" "5427866" "5516380" "5824423" "Re33876").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:05 |
| L18 | 6 | ("2002/0070375").URPN. | USPAT | ADJ | ON | 2007/10/16 16:06 |
| L20 | 5 | ("6207297").URPN. | USPAT | ADJ | ON | 2007/10/16 16:07 |

| L21 | 13 | ("3692554" "4123594" "4321310" "4321311" "4486927" "5268238" "5455119" "5455199" "5499905" "5556713" "5795659" "5817371").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:07 |
|-----------|--------|---|--|-----|-----|------------------|
| L22 | 32 | ("6153313").URPN. | USPAT | ADJ | ON | 2007/10/16 16:08 |
| L23 | 15 | ("4530885" "4610736" "4612165" "4731221" "4916022" "5108700" "5116438" "5116691" "5215831" "5238752" "5302465" "5427866" "5516380" "5824423" "Re33876").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/16 16:08 |
| S1 | 1 | ep-1391533-\$.did. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2007/03/29 11:38 |
| S2 | 11 | target and "204".clas. and (IPD or (ion plasma deposition)) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 11:55 |
| S3 | 159667 | ((atom percent) or (weight percent)) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 11:56 |
| S4 | 11 | "204".clas. and target and (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:12 |
| S5 | 1 | ("6475642").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/29 13:38 |
| S6 | 57 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:36 |
| S7 | 52 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and ((high temperature) or (high-temperature)) | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:14 |
| S8 | 2 | (("6291084") or ("6153313")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/30 10:35 |

| S9 | 0 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and "6291084".pn. and "6153313".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:37 |
|-----|----|--|--------------------|-----|-----|------------------|
| S10 | 16 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and "6291084" and "6153313" | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:38 |
| S11 | 0 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and ("6291084".pn. or "6153313".pn.) | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:40 |
| S12 | 2 | ("6291084".pn. or "6153313".pn.) | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:40 |
| S13 | 0 | S12 and S6 | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:40 |
| S14 | 1 | ("5,516,380").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/01 18:35 |
| S15 | 12 | (IPD or (ion plasma deposition)) and ((atom percent) or (atom "%") or (weight percent) or (weight "%") or weight"%" or atom"%") and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and ((high temperature) or (high-temperature)) and (ingot or target) and (tantalum or Ta) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 13:57 |
| S16 | 2 | (IPD or (ion plasma deposition)) and (oxidation or oxidative) and (aluminum or Al) and (chromium or Cr) and ((high temperature) or (high-temperature)) and (ingot or target) and (tantalum or Ta) and (silicon or Si) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:00 |

| S17 | 6 | (IPD or (ion plasma deposition)) and (oxidation or oxidative) and ((high temperature) or (high-temperature)) and (ingot or target) and ((bond coat) or (metal layer)) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:40 |
|-----|-----|--|--------------------|-----|----|--------------------|
| S18 | 9 | (IPD or (ion plasma deposition)) and (ingot or target) and ((bond coat) or (metal layer)) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:39 |
| S19 | 105 | (PVD or (physical vapor deposition)) and (oxidation or oxidative) and (aluminum or AI) and (chromium or Cr) and ((high temperature) or (high-temperature)) and (ingot or target) and (tantalum or Ta) and (silicon or Si) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:41 |
| S20 | 0 | (PVD or (physical vapor deposition)) and (oxidation or oxidative) and ((high temperature) or (high-temperature)) with ((aluminum or Al) and (chromium or Cr) and (ingot or target) and (tantalum or Ta) and (silicon or Si) and volt) | US-PGPUB; USPAT | ADJ | ON | . 2007/05/02 14:42 |
| S21 | 0 | (PVD or (physical vapor deposition)) and (oxidation or oxidative) and ((high temperature) or (high-temperature)) and (((aluminum or Al) and (chromium or Cr) and (ingot or target) and (tantalum or Ta) and (silicon or Si)) with volt) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:44 |
| S22 | 105 | (PVD or (physical vapor deposition)) and (oxidation or oxidative) and ((high temperature) or (high-temperature)) and ((aluminum or Al) and (chromium or Cr) and (ingot or target) and (tantalum or Ta) and (silicon or Si)) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:49 |
| S23 | 5 | stollenwerk.in. and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 14:57 |
| S24 | 63 | chiang.in. and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:43 |
| S25 | 0 | (IPD or (ion plasma deposition)) and (target and ingot) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:03 |
| S26 | 0 | (IPD or (ion plasma deposition)) and (target and ingot) and voltage | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:03 |

| S27 | 0 | (IPD or (ion plasma deposition)) and (target and ingot) and amp | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:03 |
|-----|------|---|----------------------------|-----|----|------------------|
| S28 | 32 | (IPD or (ion plasma deposition)) and (target or ingot) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:12 |
| S29 | 61 | (IPD or (ion plasma deposition)) and (target or ingot) and (volt or amp) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:17 |
| S30 | 2 | (IPD or (ion plasma deposition)) and (negative potential bias) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:18 |
| S31 | 42 | (IPD or (ion plasma deposition)) and (bias with substrate) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:29 |
| S32 | 2666 | ((IPD or (ion plasma deposition)) or (pvd or (physical vapor deposition))) and (bias with substrate) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:30 |
| S33 | 2451 | ((IPD or (ion plasma deposition)) or (pvd or (physical vapor deposition))) and (bias with substrate) and (aluminum or al) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:30 |
| S34 | 960 | ((IPD or (ion plasma deposition)) or (pvd or (physical vapor deposition))) and (bias with substrate) and (aluminum or al) and (nickel or ni) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:31 |
| S35 | 211 | ((IPD or (ion plasma deposition)) or (pvd or (physical vapor deposition))) and (bias with substrate) and (aluminum or al) and (nickel or ni) and (chromium or Cr) and volt | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:32 |
| S36 | 105 | ((IPD or (ion plasma deposition)) or (pvd or (physical vapor deposition))) and (bias with substrate) and (aluminum or al) and (nickel or ni) and (chromium or Cr) and volt and (high-temperature or (high temperature)) | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 16:33 |
| S37 | 0 | ep-1391533-\$.did. | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 11:27 |
| S38 | 0 | ep-1391533-\$.did. | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:03 |
| S39 | 2 | "1391533" | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:08 |

| S40 | 0 | ep-03254804-\$.did. | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:08 |
|------------------|---|---|----------------------------|-----|-----|------------------|
| S41 | 8 | (("6153313") or ("6255001") or ("6291084") or ("6287644") or ("3341307") or ("6207297") or ("6312584") or ("4109061")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/03 11:21 |
| S42 | 8 | (("6153313") or ("6255001") or ("6291084") or ("6287644") or ("3341307") or ("6207297") or ("5312584") or ("4109061")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/03 11:22 |
| S43 | 1 | ("0560045").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/03 11:24 |
| S44 [.] | 1 | "0560045" | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:26 |
| S45 | 0 | ep-0560045-\$.did. | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:27 |
| S46 | 1 | ep-560045-\$.did. | US-PGPUB; USPAT; EPO | ADJ | ON | 2007/05/03 11:27 |
| S47 | 0 | ep-391533-\$.did. | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 11:27 |